

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 7, 11 and 12, and CANCEL claims 10 and 13-16 in accordance with the following:

1. (Currently Amended) An ink detecting device of an inkjet printer to detect an ink level and to detect when the ink level decreases below a predetermined level, comprising:
 - an ink tank comprising a predetermined amount of ink;
 - a supporting member disposed ~~adjacent to~~ protrude inward from an interior surface of the ink tank;
 - a luminous member comprising a self-luminous material and supported by the supporting member, the luminous member being capable of emitting light without using a powered light source; and
 - a photo detector to detect a light emitted from the luminous member when the ink level in the ink tank is lower than the predetermined level.
2. (Original) The ink detecting device according to claim 1, further comprising:
 - a transparent window disposed at a corresponding position of the supporting member to pass the light from the luminous member,
 - wherein the photo detector detects the light passed through the transparent window.
3. (Original) The ink detecting device according to claim 1, wherein the luminous member is a luminous paper.

4. (Original) The ink detecting device according to claim 1, wherein the luminous member is a luminous paint.

5. (Original) The ink detecting device according to claim 1, wherein the supporting member is disposed at a sidewall of the ink tank.

6. (Original) The ink detecting device according to claim 1, wherein the supporting member is disposed at a bottom of the ink tank.

7. (Currently Amended) An inkjet printer comprising an ink level detecting device, the inkjet printer comprising:

a photo detector; and

an ink level detecting device detecting an amount of residual ink in the printer using the photo detector, and comprising a luminous member comprising a self-luminous material or a material with luminous paint to detect when a level of ink is lower than a predetermined level during a printing operation without a separate powered light source,

wherein the ink level detecting device comprises:

an ink tank comprising a liquid carrier and a toner used as a developer for the inkjet printer,

an inwardly protruding supporting member disposed at a surface of the ink tank to detect when the ink is low,

a transparent window passing a light from the luminous member and disposed at another surface of the ink tank, and

a photo detector detecting the light from the luminous member.

8. (Original) The ink detecting device according to claim 7, further comprising:
a controller controlling operations of the inkjet printer and outputting a signal indicative that the level of ink is lower than the predetermined level to an output device.

9. (Original) The ink detecting device according to claim 7, wherein the output device comprises a display.

10. (Cancelled)

11. (Currently Amended) The ink detecting device according to claim 407, wherein when the ink tank is full, the ink level is over the transparent window and the light from the luminous member cannot pass through the transparent window, and the photo detector cannot detect any light.

12. (Currently Amended) The ink detecting device according to claim 407, wherein when the ink tank is not full, the ink level is under the transparent window and the light emitted from the luminous member passes through the transparent window.

13-16. (Cancelled)